

Atty.
Dkt. No.

M#

Client Ref.

256865

Applicant: GLENN et al.

Appln. No.:

Filing Date: March 12, 1999

Examiner: M. Tung

Group Art Unit: 1644



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Date: March 12, 1999

Page

1

of

10

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
MA	AR	4,196,191	04/1980	ALMEIDA			
	BR	4,921,757	05/1990	WHEATLEY			
	CR	5,008,050	04/1991	CULLIS			
	DR	5,059,421	10/1991	LOUGHREY			
	ER	5,169,637	12/1982	LENK			
	FR	5,200,393	04/1993	WEINER			
	GR	5,256,422	10/1993	ALBERT			
	HR	5,326,790	07/1994	THORNFELDT			
	IR	5,332,576	07/1994	MANTELLE			
	JR	5,340,588	08/1994	DOMB			
	KR	5,352,449	10/1994	BELTZ			
	LR	5,464,386	11/1995	HOFMANN			
	MR						
	NR						

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract	Translation Readily Available
								Enclosed	No
MA	OR	47099/89	06/1990	AU	SCHAEFER				
	PR	92/03122	03/1992	WO	CEVC				
	QR								
	RR								
	SR								
	TR								
	UR								
	VR								
	WR								
	XR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

MA	YR	ALVING, Vaccine, 4:166-172, 1986			
	ZR	ALVING, Journal of Immunological Methods, 140:1-13, 1991			
	AAR	ALVING, Immunobiology, 187:430-446, 1993			
	BBR	ALVING, Annals of the New York Academy of Sciences, 690:265-275, 1993			
	CCR	ALVING, AIDS Research and Human Retroviruses, 10:S91-S94, 1994			
	DDR	ALVING, Immunological Reviews, 145:5-31, 1995			

Examiner

Date Considered: 12/4/00

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PM&S FORM PAT-1449)
Patent and Trademark Office

Atty.
Dkt. No.

M#

Client Ref.

256865

Applicant: GLENN et al.

Appln. No.: 09/266,803

Filing Date: March 12, 1999

Examiner: M. Tung

Group Art Unit: 1644

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Date: March 12, 1999

Page

2

of

10

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
WJ	AR 4,455,142	06/1984	MARTINS			
	BR 4,484,923	11/1984	AMKRAUT			
	CR 4,876,278	10/1989	TAYLOR			
	DR 4,877,612	10/1989	BERGER			
	ER 4,929,442	05/1990	POWELL			
	FR 5,260,066	11/1993	WOOD			
	GR 5,601,827	02/1997	COLLIER			
	HR 5,607,691	03/1997	HALE			
	IR 5,686,100	11/1997	WILLE et al.			
	JR 5,733,572	03/1998	UNGER et al.			
	KR					
	LR					
	MR					
	NR					

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass.	English Abstract		Translation Readily Available	
							Enclosed	No	Enclose	No
	OR									
	PR									
	QR									
	RR									
	SR									
	TR									
	UR									
	VR									
	WR									
	XR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR	EGBARIA, <i>Advanced Drug Delivery Reviews</i> , 5:287-300, 1990			
ZR	FLEISHER, <i>Life Sciences</i> , 57:1293-1297, 1995			
AAR	GLENN, <i>Immunology Letters</i> , 47:73-78, 1995			
BBR	GUPTA, <i>Vaccine</i> , 13:1263-1276, 1995			
CCR	de HAAN, <i>Vaccine</i> , 13:1320-1324, 1995			
DDR	KORTING, <i>Journal of the American Academy of Dermatology</i> , 25:1068-1071, 1991			

Examiner

Date Considered: 12/4/00

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty.
Dkt. No.

M#

Client Ref.

256865

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: GLENN et al.

Appln. No.: 09/2667803

Filing Date: March 12, 1999

Date: March 12, 1999

Page 3 of 10

Examiner: M. Tung

Group Art Unit: 1644

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR					
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
							Enclosed	No	Enclose	No
	OR									
	PR									
	QR									
	RR									
	SR									
	TR									
	UR									
	VR									
	WR									
	XR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR	KORTING, <i>British Journal of Dermatology</i> , 132:571-579, 1995			
ZR	MENGIARDI, <i>Vaccine</i> , 13:1306-1315, 1995			
AAR	MEZEI, <i>Life Sciences</i> , 26:1473-1477, 1980			
BBR	MOGHIMI, <i>Journal of Microencapsulation</i> , 10:155-162, 1993			
CCR	NORIMATSU, <i>Vaccine</i> , 13:1325-1329, 1995			
DDR	PAUL, <i>Vaccine Research</i> , 4:145-164, 1995			

Examiner

Date Considered: 12/4/00

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PM&S FORM PAT-1449)
Patent and Trademark Office

Atty.
Dkt. No.

M#

Client Ref.

256865

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: GLENN et al.

Appln. No.:

09/266,803

Filing Date: March 12, 1999

Date: March 12, 1999

Page

4

of

10

Examiner: M. Tung

Group Art Unit: 1644

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR					
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
							Enclosed	No	Enclose	No
	OR									
	PR									
	QR									
	RR									
	SR									
	TR									
	UR									
	VR									
	WR									
	XR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR	PAUL, <i>European Journal of Immunology</i> , 25:3521-3524, 1995			
ZR	POWERS, <i>Vaccine</i> , 13:1330-1335, 1995			
AAR	RANADE, <i>Journal of Clinical Pharmacology</i> , 31:401-418, 1991			
BBR	RAO, <i>Infection and Immunity</i> , 63:2396-2402, 1995			
CCR	SAUZET, <i>Vaccine</i> , 13:1339-1345, 1995			
DDR	SCHÄFER-KORTING, <i>Journal of the American Academy of Dermatology</i> , 21:1271-1275, 1989			

Examiner

Date Considered:

12/4/00

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PM&S FORM PAT-1449)
Patent and Trademark Office

Atty.
Dkt. No.

M#

Client Ref.

256865

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: GLENN et al.

Appln. No.:

09/26, 803

Filing Date: March 12, 1999

Date: March 12, 1999

Page

5

of

10

Examiner: M. Tung

Group Art Unit: 1644

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR						
	BR						
	CR						
	DR						
	ER						
	FR						
	GR						
	HR						
	IR						
	JR						
	KR						
	LR						
	MR						
	NR						

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	Abstract		Readily Available	
								Enclosed	No	Enclose	No
	OR										
	PR										
	QR										
	RR										
	SR										
	TR										
	UR										
	VR										
	WR										
	XR										

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR	VERMA, <i>Biochimica et Biophysica Acta</i> , 1066:229-238, 1991			
ZR	VERMA, <i>Infection and Immunity</i> , 60:2438-2444, 1992			
AAR	VUTLA, <i>Journal of Pharmaceutical Sciences</i> , 85:5-8, 1996			
BBR	WANG, <i>The Journal of Immunology</i> , 156:4079-4082, 1996			
CCR	WANG, <i>The Journal of Immunology</i> , 154:2784-2793, 1995			
DDR	WASSEF, <i>Immunomethods</i> , 4:217-222, 1994			

Examiner

Date Considered:

12/4/00

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PM&S FORM PAT-1449)
Patent and Trademark Office

Atty.
Dkt. No.

M#

Client Ref.

256865

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: GLENN et al.

Appln. No.:

09/266,803

Filing Date: March 12, 1999

Date: March 12, 1999

Page

6

of

10

Examiner: M. Tung

Group Art Unit: 1644

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR					
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
							Enclosed	No	Enclose	No
	OR									
	PR									
	QR									
	RR									
	SR									
	TR									
	UR									
	VR									
	WR									
	XR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR	WEINER, <i>Antimicrobial Agents and Chemotherapy</i> , 33:1217-1221, 1989			
ZR	WHITE, <i>Vaccine</i> , 11:1341-1346, 1993			
AAR	WHITE, <i>Vaccine</i> , 13:1111-1122, 1995			
BBR	YASUTOMI, <i>Journal of Virology</i> , 69:2279-2284, 1995			
CCR	ZELLMER, <i>Biochimica et Biophysica Acta</i> , 1237:176-182, 1995			
DDR	ALVING, <i>In: Liposome Technology</i> , 2nd Ed. (Gregoriadis, ed.), CRC Press, pp. 317-343, 1993			

Examiner

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PM&S FORM PAT-1449)
Patent and Trademark Office

Atty.
Dkt. No.

M#

Client Ref.

256865

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: GLENN et al.

Appln. No.:

09/266,803

Filing Date: March 12, 1999

Date: March 12, 1999

Page

7

of

10

Examiner: M. Tung

Group Art Unit: 1644

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR					
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
							Enclosed	No	Enclose	No
	OR									
	PR									
	QR									
	RR									
	SR									
	TR									
	UR									
	VR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

WR	SMALL, In: Handbook of Lipid Research, Plenum, 4:43-87			
XR	SMALL, In: Handbook of Lipid Research, Plenum, 4:89-96			
YR	CRAIG, John P., et al., "Cutaneous Responses to Cholera Skin Toxin in Man. I. Responses in Unimmunized American Males", The Journal of Infectious Diseases, 1972, Vol. 125, No. 3, pp 203-215			
ZR	Marinero, M., et al., Mucosal effect of cholera toxin in mice results from induction of T helper 2 (Th2) cells and IL-4 J. Immunol. 155: 4621-4629			
AAR	Kosecka, V., et al., Pertussis toxin stimulates hypersensitivity and enhances nerve-mediated antigen uptake in rat intestines, Am. J. Physiology, 267: G745-G752			

Examiner

Date Considered:

12/6/00

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PM&S FORM PAT-1449)
Patent and Trademark Office

Atty.
Dkt. No.

M#

Client Ref.

256865

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: GLENN et al.

Appln. No.:

09/166,803

Filing Date: March 12, 1999

Date: March 12, 1999

Page

8

of

10

Examiner: M. Tung

Group Art Unit: 1644

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR					
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
							Enclosed	No	Enclose	No
	OR									
	PR									
	QR									
	RR									
	SR									
	TR									
	UR									
	VR									
	WR									
	XR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR	BECKER, <i>Experimental Dermatology</i> , 2:63-69, 1993			
ZR	BLAUVELT, <i>Journal of Investigative Dermatology</i> , 104:293-296, 1995			
AAR	BOWEN, <i>Immunology</i> , 81:338-342, 1994			
BBR	CHIN, <i>Veterinary Microbiology</i> , 43:21-32, 1995			
CCR	CHIN, <i>Journal of Biotechnology</i> , 44:13-19, 1996			
DDR	CONDON, <i>Nature Medicine</i> , 2:1122-1128, 1996			

Examiner

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty.
Dkt. No.

M#

Client Ref.

256865

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: GLENN et al.

Appln. No.:

69/266,803

Filing Date: March 12, 1999

Date: March 12, 1999

Page

9

of

10

Examiner: M. Tung

Group Art Unit: 1644

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR						
	BR						
	CR						
	DR						
	ER						
	FR						
	GR						
	HR						
	IR						
	JR						
	KR						
	LR						
	MR						
	NR						

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
								Enclosed	No	Enclose	No
	OR										
	PR										
	QR										
	RR										
	SR										
	TR										
	UR										
	VR										
	WR										
	XR										

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR	ENK, <i>The Journal of Immunology</i> , 151:2390-2398, 1993			
ZR	GOODNOW, <i>Immunological Reviews</i> , 156:5-10, 1997			
AAR	KNOP, <i>International Archives of Allergy and Immunology</i> , 107:231-232, 1995			
BBR	MAHMOUD, <i>Science</i> , 246:1015-1022, 1989			
CCR	PETERS, <i>Immunology Today</i> , 17:273-278, 1996			
DDR	SCHWARZENBERGER, <i>Journal of Investigative Dermatology</i> , 106:553-558, 1996			

Examiner

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PM&S FORM PAT-1449)
Patent and Trademark Office

Atty.
Dkt. No.

M#

Client Ref.

256865

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: GLENN et al.

Appln. No.:

09666,803

Filing Date: March 12, 1999

Date: March 12, 1999

Page

10

of

10

Examiner: M. Tung

Group Art Unit: 1644

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR					
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
							Enclosed	No	Enclose	No
	OR									
	PR									
	QR									
	RR									
	SR									
	TR									
	UR									
	VR									
	WR									
	XR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR	STACEY, <i>The Journal of Immunology</i> , 157:2116-2122, 1996			
ZR	STEINMAN, <i>Immunological Reviews</i> , 156:25-37, 1997			
AAR	STINGL, <i>Immunological Series</i> , 46:3-72, 1989			
BBR	UDEY, <i>Clinical and Experimental Immunology</i> , 107(suppl. 1):6-8, 1997			
CCR	Hsiung, et al., <i>Diagnostic Virology</i> 3 rd edition, Yale Univ. Press, New Haven, Ct, pp 29-34 1982			
DDR	Lane et al., <i>In Vitro-evaluation of human lymphocyte function</i> , In: <i>Cellular Immunology</i> , DM Weir, ed, Blackwell Scientific Pub. Boston, MA, pp 66.5-66.7			

Examiner

Date Considered: 12/4/99

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty.
Dkt. No.

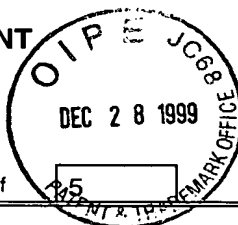
M

Client Ref.

256865

1001CIP1DIV1

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**



Applicant: GLENN et al.

Appln. No.: 09/266,803

Filing Date: March 12, 1999

Examiner: not assigned

Group Art Unit: 1643/1044

Date: December 28, 1999

Page

1

of

25

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>[Signature]</i>	AR	4,235,871	11/1980	Papahadjopoulos et al.			
	BR	4,394,448	07/1983	Szoka, Jr., et al.			
	CR	4,497,796	02/1985	Salser et al.			
	DR	5,240,846	08/1993	Collins et al.			
	ER	5,399,346	03/1995	Anderson et al.			
	FR	5,328,470	07/1994	Nabel et al.			
	GR	5,580,859	12/1996	Felgner et al.			
	HR	5,589,466	12/1996	Felgner et al.			
	IR	5,593,972	01/1997	Weiner et al.			
	JR	5,620,896	04/1997	Herrmann et al.			
	KR	5,643,578	07/1997	Robinson et al.			
	LR	5,676,954	10/1997	Brigham			
	MR	5,679,647	10/1997	Carson et al.			
	NR	5,693,622	12/1997	Wolff et al.			

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract	Translation Readily Available
								Enclosed	No
<i>[Signature]</i>	OR	WO 99/41366	08/1999	WIPO					X
	PR								
	QR								
	RR								
	SR								
	TR								
	UR								
	VR								
	WR								
	XR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

<i>[Signature]</i>	YR	Hongran FAN et al., "Immunization via hair follicles by topical application of naked DNA to normal skin", Nature Biotechnology, Vol. 17, September 1999, pp. 870-872										
<i>[Signature]</i>	ZR	Mara BOVSUN, "DNA vaccine rubbed on skin provokes immune response", Biotechnology Newswatch, September 20, 1999, page 4										
	AAR											
	BBR											
	CCR											
	DDR											

Examiner

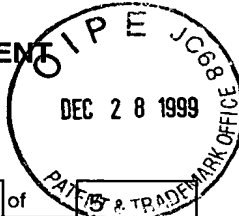
Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PM&S FORM PAT-1449)
Patent and Trademark Office

Atty. Dkt. No.	M#	Client Ref.
	256865	1001CIP1DIV1

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**



Date: December 28, 1999 Page 2 of 2

Applicant: GLENN et al.
Appln. No.: 09/266,803
Filing Date: March 12, 1999
Examiner: Group Art Unit: 1094

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
M	AR 5,697,901	12/1997	Eriksson			
	BR 5,703,057	12/1997	Johnston et al.			
	CR 5,705,151	01/1998	Dow et al.			
	DR 5,733,762	03/1998	Midoux et al.			
	ER 5,736,524	04/1998	Content et al.			
	FR 5,739,118	04/1998	Carrano et al.			
	GR 5,770,580	06/1998	Ledley et al.			
	HR 5,783,567	07/1998	Hedley et al.			
	IR 5,804,566	09/1998	Carson et al.			
	JR 5,811,406	09/1998	Szoka, Jr. et al.			
	KR 5,814,617	09/1998	Hoffman et al.			
	LR 5,824,538	10/1998	Branstrom et al.			
	MR 5,827,703	10/1998	Debs et al.			
	NR 5,830,876	11/1998	Weiner et al.			

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	Abstract		Readily Available	
								Enclosed	No	Enclose	No
	OR										
	PR										
	QR										
	RR										
	SR										
	TR										
	UR										
	VR										
	WR										
	XR										

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR	
ZR	
AAR	
BBR	
CCR	
DDR	

Examiner: May 16 1999 Date Considered: 12/4/00

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PM&S FORM PAT-1449)
Patent and Trademark Office

Atty.
Dkt. No.

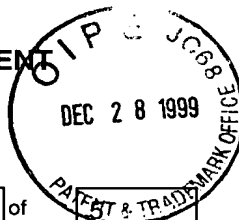
M#

Client Ref.

256865

1001CIP1DIV1

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**



Applicant: GLENN et al.

Appln. No.: 09/266,803

Filing Date: March 12, 1999

Date: December 28, 1999

Page 3 of

Examiner:

Group Art Unit: 16461

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
MA	AR 5,830,877	11/1998	Carson et al.			
	BR 5,840,059	11/1998	March et al.			
	CR 5,843,913	12/1998	Li et al.			
	DR 5,846,949	12/1998	Wagner et al.			
	ER 5,849,719	12/1998	Carson et al.			
	FR 5,858,784	01/1999	Debs et al.			
	GR 5,866,553	02/1999	Donnelly et al.			
	HR 5,877,159	03/1999	Powell et al.			
	IR 5,885,971	03/1999	German et al.			
	JR 5,910,488	06/1999	Nabel et al.			
	KR 5,916,879	06/1999	Webster			
	LR					
	MR					
	NR					

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
							Enclosed	No	Enclose	No
	OR									
	PR									
	QR									
	RR									
	SR									
	TR									
	UR									
	VR									
	WR									
	XR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR									
	ZR									
	AAR									
	BBR									
	CCR									
	DDR									

Examiner

Date Considered:

*EXAMINER: Initial if citation considered, whether or not, citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PM&S FORM PAT-1449)
Patent and Trademark Office

Atty.
Dkt. No.

M#

Client Ref.

256865

1001CIP1DIV1

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: GLENN et al.

Appln. No.: 09/266,803

Filing Date: March 12, 1999

Examiner:

Group Art Unit: 60408

Date: December 28, 1999

Page

4

PATENT

5

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AS	AR	4,587,044	05/1986	Miller et al.			
	BR	5,108,921	04/1992	Low et al.			
	CR	5,166,320	11/1992	Wu et al.			
	DR	5,225,182	07/1993	Sharma			
	ER	5,428,132	06/1995	Hirsch et al.			
	FR	5,547,932	08/1996	Curiel et al.			
	GR	5,578,475	11/1996	Jessee			
	HR	5,614,503	03/1997	Chaudhary et al.			
	IR	5,661,025	08/1997	Szoka, Jr., et al.			
	JR	5,695,991	12/1997	Lindholm et al.			
	KR	5,736,392	04/1998	Hawley-Nelson et al.			
	LR	5,766,899	06/1998	Kuo et al.			
	MR	5,789,230	08/1998	Cotton et al.			
	NR	5,827,705	10/1998	Dean			

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	Abstract		Readily Available	
								Enclosed	No	Enclose	No
	OR										
	PR										
	QR										
	RR										
	SR										
	TR										
	UR										
	VR										
	WR										
	XR										

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR										
	ZR										
	AAR										
	BBR										
	CCR										
	DDR										

Examiner

Date Considered: 12/4/00

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PM&S FORM PAT-1449)
Patent and Trademark Office

Atty.
Dkt. No.

M#

Client Ref.

256865

1001CIP1DIV1

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: GLENN et al.

Appln. No.: 09/266,803

Filing Date: March 12, 1999

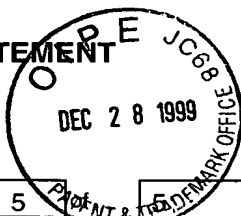
Examiner:

Group Art Unit: 1644

Date: December 28, 1999

Page

5



U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
ng	AR	5,837,533	11/1998	Boutin			
	BR	5,844,107	12/1998	Hanson et al.			
	CR	5,846,540	12/1998	Restifo et al.			
	DR	5,856,187	01/1999	Restifo et al.			
	ER	5,877,302	03/1999	Hanson et al.			
	FR						
	GR						
	HR						
	IR						
	JR						
	KR						
	LR						
	MR						
	NR						

FOREIGN PATENT DOCUMENTS

ORIGINAL PAPER DOCUMENT								Abstract		Readily Available	
		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	Enclosed	No	Enclose	No
	OR										
	PR										
	QR										
	RR										
	SR										
	TR										
	UR										
	VR										
	WR										
	XR										

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR										
	ZR										
	AAR										
	BBR										
	CCR										
	DDR										

Examiner

Date Considered: 12/4/00

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty.
Dkt. No.

M#

Client Ref.

256865

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: GLENN et al.

Appln. No.: 09/266,803

Filing Date: March 12, 1999

Date: July 9, 1999

Page

1

of

6

Examiner: M. Tung

Group Art Unit: 1644

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
MA	AR	4,692,462	09/1987	Banerjee			
	BR	4,725,271	02/1988	Korol			
	CR	4,732,892	03/1988	Sarpotdar et al.			
	DR	4,743,588	05/1988	Mirejovsky et al.			
	ER	4,764,381	08/1988	Bodor et al.			
	FR	4,783,450	11/1988	Fawzi et al.			
	GR	4,892,737	01/1990	Bodor et al.			
	HR	4,908,389	03/1990	Mahjour et al.			
	IR	4,917,688	04/1990	Nelson et al.			
	JR	4,917,895	04/1990	Lee et al.			
	KR	4,946,853	08/1990	Bannon et al.			
	LR	5,028,435	07/1991	Katz et al.			
	MR						
	NR						

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	Abstract		Readily Available	
								Enclosed	No	Enclose	No
	OR										
	PR										
	QR										
	RR										
	SR										
	TR										
	UR										
	VR										
	WR										
	XR										

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

MA	YR	Walker et al., "The role of percutaneous penetration enhancers", Advanced Drug Delivery Reviews, 18 (1996), pp 295-301				
	ZR					
	AAR					
	BBR					
	CCR					

Examiner

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty.
Dkt. No.

M#

Client Ref.

256865

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: GLENN et al.

Appln. No.: 09/266,803

Filing Date: March 12, 1999

Date: July 9, 1999

Page

2

of

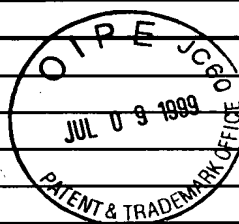
6

Examiner: M. Tung

Group Art Unit: 1644

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
MA	AR	4,956,171	09/1990	Chang			
	BR	4,960,771	10/1990	Rajadhyaksha			
	CR	4,970,206	11/1990	Alexander et al.			
	DR	5,008,111	04/1991	Bodor			
	ER	5,023,252	06/1991	Hseih			
	FR	5,030,629	07/1991	Rajadhyaksha			
	GR	5,032,402	07/1991	Digenis et al.			
	HR	5,041,439	08/1991	Kasting et al.			
	IR	5,045,317	09/1991	Chess et al.			
	JR	5,049,387	09/1991	Amkraut			
	KR	5,059,189	10/1991	Cilento et al.			
	LR	5,069,904	12/1991	Masterson			
	MR	5,082,866	01/1992	Wong et al.			
	NR	5,142,044	08/1992	Minaskanian et al.			



FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract	Translation Readily Available
								Enclosed	No
	OR								
	PR								
	QR								
	RR								
	SR								
	TR								
	UR								
	VR								
	WR								
	XR								

OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR								
	ZR								
	AAR								
	BBR								
	CCR								
	DDR								

Examiner

Date Considered: 12/4/99

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PM&S FORM PAT-1449)
Patent and Trademark Office

Atty.
Dkt. No.

M#

Client Ref.

256865

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: GLENN et al.

Appln. No.: 09/266,803

Filing Date: March 12, 1999

Date: July 9, 1999

Page

3

of

6

Examiner: M. Tung

Group Art Unit: 1644

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
✓	AR	5,162,315	11/1992	Rajadhyaksha et al.			
	BR	5,164,406	11/1992	Helman et al.			
	CR	5,196,410	03/1993	Francoeur et al.			
	DR	5,204,339	04/1993	Minaskanian et al.			
	ER	5,215,520	06/1993	Shroot et al.			
	FR	5,232,935	08/1993	Colas et al.			
	GR	5,234,959	08/1993	Minaskanian et al.			
	HR	5,252,334	10/1993	Chiang et al.			
	IR	5,270,346	12/1993	Minaskanian et al.			
	JR	5,326,566	07/1994	Parab			
	KR	5,332,577	07/1994	Gertner et al.			
	LR	5,445,611	08/1995	Eppstein et al.			
	MR	5,458,140	10/1995	Eppstein et al.			
	NR	5,462,743	10/1995	Turner et al.			

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS								English Abstract		Translation Readily Available	
		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass				
								Enclosed	No	Enclose	No
	OR										
	PR										
	QR										
	RR										
	SR										
	TR										
	UR										
	VR										
	WR										
	XR										

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR									
	ZR									
	AAR									
	BBR									
	CCR									
	DDR									

Examiner

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty.
Dkt. No.

M#

Client Ref.

256865

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: GLENN et al.

Appln. No.: 09/266,803

Filing Date: March 12, 1999

Date: July 9, 1999

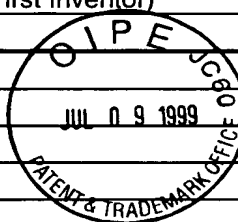
Page 4 of 6

Examiner: M. Tung

Group Art Unit: 1644

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>[Signature]</i>	AR	5,472,946	12/1995	Peck et al.			
	BR	5,482,965	01/1996	Rajadhyaksha			
	CR	5,492,698	02/1996	Von Kleinsorgen			
	DR	5,505,956	04/1996	Kim et al.			
	ER	5,505,958	04/1996	Bello et al.			
	FR	5,540,931	07/1996	Hewitt et al.			
	GR	5,533,995	07/1996	Corish et al.			
	HR	5,534,260	07/1996	Petersen et al.			
	IR	5,536,263	07/1996	Rolf et al.			
	JR	5,573,778	11/1996	Therriault et al.			
	KR	5,607,691	03/1997	Hale et al.			
	LR	5,612,382	03/1997	Fike			
	MR	5,614,212	03/1997	D'Angelo et al.			
	NR	5,626,866	05/1997	Ebert et al.			



FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
								Enclosed	No	Enclose	No
	OR										
	PR										
	QR										
	RR										
	SR										
	TR										
	UR										
	VR										
	WR										
	XR										

OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR										
	ZR										
	AAR										
	BBR										
	CCR										
	DDR										

Examiner

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty.
Dkt. No.

M#

Client Ref.

256865

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant: GLENN et al.

Appln. No.: 09/266,803

Filing Date: March 12, 1999

Date: July 9, 1999

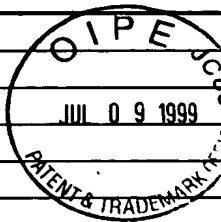
Page 5 of 6

Examiner: M. Tung

Group Art Unit: 1644

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AS	AR 5,658,587	08/1997	Santus et al.			
	BR 5,661,130	08/1997	Meezan et al.			
	CR 5,693,024	12/1997	Flower			
	DR 5,720,948	02/1998	Brucks et al.			
	ER 5,722,397	03/1998	Eppstein			
	FR 5,723,114	03/1998	Thornfeldt et al.			
	GR 5,731,303	03/1998	Hsieh			
	HR 5,736,154	04/1998	Fuisz			
	IR 5,756,117	05/1998	D'Angelo et al.			
	JR 5,738,647	04/1998	Bernhard et al.			
	KR 5,741,510	04/1998	Rolf et al.			
	LR 5,760,096	06/1998	Thornfeldt et al.			
	MR 5,773,022	06/1998	Nyqvist-Mayer et al.			
	NR 5,780,050	07/1998	Jain et al.			



FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
							Enclosed	No	Enclose	No
	AR									
	BR									
	CR									
	DR									
	ER									
	FR									
	GR									
	HR									
	WR									
	XR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR									
	ZR									
	AAR									
	BBR									
	CCR									
	DDR									

Examiner

Date Considered: 12/4/00

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty.
Dkt. No.

M#:

Client Ref:

256865

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: GLENN et al.

Appln. No.: 09/266,803

Filing Date: March 12, 1999

Examiner: M. Tung

Group Art Unit: 1644

Date: July 9, 1999

Page 6 of 6

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR 5,804,214	09/1998	Wong et al.			
	BR 5,814,599	09/1998	Mitragotri et al.			
	CR 5,834,010	11/1998	Quan et al.			
	DR 5,837,289	11/1998	Grasela et al.			
	ER 5,853,751	12/1998	Masiz			
	FR 5,837,340	09/1974	Counter			
	GR 5,948,263	04/1976	Drake, Jr. et al.			
	HR 5,982,536	09/1976	Krogseng et al.			
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
							Enclosed	No	Enclose	No
	OR									
	PR									
	QR									
	RR									
	SR									
	TR									
	UR									
	VR									
	WR									
	XR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR									
	ZR									
	AAR									
	BBR									
	CCR									
	DDR									

Examiner

Date Considered: 12/4/00

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty.
Dkt. No.

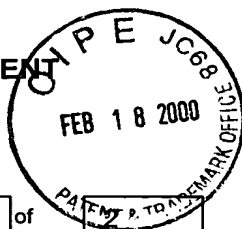
M#

Client Ref.

256865

1001CIP1DIV1

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**



Applicant: GLENN et al.

Appln. No.: 09/266,803

Filing Date: March 12, 1999

Examiner: not assigned

Group Art Unit: 1643-1644

Date: February 18, 2000

Page

1

of

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AS	AR 6,008,200	12/1999	KRIEG			
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

FOREIGN PATENT DOCUMENTS

SEARCHED PATENT DOCUMENTS								Abstract		Readily Available	
		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	Enclosed	No	Enclose	No
✓	OR	WO 99/62537	12/1999	WIPO						X	
	PR	WO 99/60167	11/1999	WIPO						X	
	QR	WO 99/53960	10/1999	WIPO						X	
	RR	WO 99/08713	02/1999	WIPO						X	
	SR	WO 99/08689	02/1999	WIPO						X	
	TR	WO 99/04009	01/1999	WIPO						X	
	UR	WO 98/46208	10/1998	WIPO						X	
	VR	WO 98/10750	03/1998	WIPO						X	
	WR	WO 98/01538	01/1998	WIPO						X	
	XR	WO 97/35957	10/1997	WIPO						X	

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR									
ZR									
AAR									
BBR									
CCR									
DDR									

Examiner

Date Considered: 12/4/00

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PM&S FORM PAT-1449)
Patent and Trademark Office

Atty.
Dkt. No.

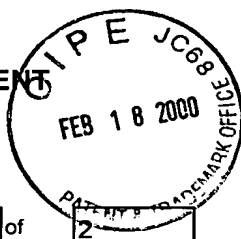
M#

Client Ref.

256865

1001CIP1DIV1

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**



Applicant: GLENN et al.

Appln. No.: 09/266,803

Filing Date: March 12, 1999

Date: February 18, 2000

Page

2

of

2

Examiner:

Group Art Unit: 1643

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR					
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	Class	SubClass	English Abstract		Translation Readily Available	
								Enclosed	No	Enclose	No
NA ↓	OR	WO 97/31119	08/1997	WIPO						X	
	PR	WO 97/24447	07/1997	WIPO						X	
	QR	WO 96/25190	08/1996	WIPO						X	
	RR	WO 96/14855	05/1996	WIPO						X	
	SR										
	TR										
	UR										
	VR										
	WR										
	XR										

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR										
	ZR										
	AAR										
	BBR										
	CCR										
	DDR										

Examiner

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.